## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query  | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---------------------------|---------------------|---------|---------------------|
| L3   | 135  | (respirat\$ or CPAP or PAP)<br>same (humidifier) same<br>(filter)   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:55 |
| L4   | 61   | L3 and @ad<= "20030801"   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:55 |
| L5   | 1336 | (respirat\$ or CPAP or PAP)<br>same (filter with (remov\$ or<br>replac\$))  | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:56 |
| L6   | 768  | L5 and @ad<= "20030801"   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:57 |
| L7   | 56   | (respirat\$ or CPAP or PAP)<br>same (humid\$) same (filter<br>with (remov\$ or replac\$))   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:57 |
| L8   | 26   | L7 and @ad<= "20030801"   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:57 |
| L9   | 660  | (respirat\$ or CPAP or PAP)<br>same (filter with (changing<br>or change or replac\$))   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>08:58 |
| L10  | 363  | L9 and @ad<= "20030801"   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>09:03 |
| L11  | 1    | "6953354".pn.   | US-PGPUB;<br>USPAT        | AND                 | ON      | 2010/11/02<br>09:22 |
| L12  | 18   | ["20000059213"   "4839055"   "4787117"   "4828444"   "5387117"   "5392770"   "5537996"   "5637006"   "5640951"   "5658159"   "5980289"   "6078730"   "6464520"   "6705478"),PN, OR [("6953354"),URPN. | US-PGPUB;<br>USPAT; USOCR | AND                 | ON      | 2010/11/02<br>09:23 |
| L13  | 0    | WO-02032486-\$.did  | EPO; JPO;<br>DERWENT      | OR                  | ON      | 2010/11/02<br>09:31 |
| L14  | 0    | WO-2002032486-\$.did  | EPO; JPO;<br>DERWENT      | OR                  | ON      | 2010/11/02<br>09:31 |
| L15  | 0    | WO-20020032486-\$.did   | EPO; JPO;<br>DERWENT      | OR                  | ON      | 2010/11/02<br>09:31 |
| L16  | 0    | WO-020032486-\$.did   | EPO; JPO;<br>DERWENT      | OR                  | ON      | 2010/11/02<br>09:31 |
| L17  | 0    | WO-2002032486-\$.did  | EPO; JPO;<br>DERWENT      | OR                  | ON      | 2010/11/02<br>09:32 |

| L18 | 0     | WO-200200032486-\$.did   | EPO; JPO;<br>DERWENT                               | OR  | ON | 2010/11/02<br>09:32 |
|-----|-------|--|--|-----|----|---------------------|
| L19 | 0     | WO-0200032486-\$.did   | EPO; JPO;<br>DERWENT                               | OR  | ON | 2010/11/02<br>09:32 |
| L20 | 0     | WO-0232486-\$.did  | EPO; JPO;<br>DERWENT                               | OR  | ON | 2010/11/02<br>09:32 |
| L21 | 0     | WO-02032486-\$.did   | EPO; JPO;<br>DERWENT                               | OR  | ON | 2010/11/02<br>09:32 |
| L22 | 0     | WO-200232486-\$.did  | EPO; JPO;<br>DERWENT                               | OR  | ON | 2010/11/02<br>09:32 |
| L23 | 95    | (breath\$ with (conduit or<br>tube or lumen)) same<br>(electric\$ with connection)   | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>09:33 |
| L24 | 49    | L23 and @ad<="20030801"  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>09:33 |
| L25 | 1     | (WO-0232486-\$).did.   | EPO; JPO;<br>DERWENT                               | AND | ON | 2010/11/02<br>09:35 |
| L26 | 1     | WO-0232486-\$.did.   | EPO; JPO;<br>DERWENT                               | AND | ON | 2010/11/02<br>09:35 |
| L27 | 1     | 2002-383492.NRAN.  | DERWENT  | AND | ON | 2010/11/02<br>09:36 |
| L28 | 15    | (humidification with chamber) same (open with bottom)  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>09:58 |
| L29 | 72    | (filter with frame) same (friction with fit)   | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:08 |
| L30 | 36    | L29 and @ad<="20030801"  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:08 |
| L31 | 37915 | (filter with frame)  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:24 |
| L32 | 2     | (filter with frame) same<br>CPAP   | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:24 |
| L33 | 856   | (filter with frame) and (CPAP or PAP or respirat\$)  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:26 |
| L34 | 497   | L33 and @ad<="20030801"  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:26 |
| L35 | 1     | "6016804".pn.  | US-PGPUB;<br>USPAT                                 | AND | ON | 2010/11/02<br>10:31 |
| S1  | 1     | "10566109"   | US-PGPUB;<br>USPAT                                 | OR  | ON | 2009/02/10<br>11:37 |
| S2  | 11    | US-5460172-\$.DID. OR US-<br>5943473-\$.DID. OR WO-<br>9857891-\$.DID. OR WO-<br>2004026382-\$.DID. OR EP-<br>1369141-\$.DID. OR EP-<br>121022003-\$.DID. OR EP-<br>12047996-\$.DID. OR WO-<br>0110489-\$.DID. OR WO-<br>0110489-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON | 2009/02/10<br>12:04 |

| S3  | 1    | 2001-183041.NRAN.  | DERWENT                             | OR | ON | 2009/02/10<br>13:36 |
|-----|------|--|-------------------------------------|----|----|---------------------|
| S4  | 1    | "6397841".pn.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>13:46 |
| S5  | 1    | "5588423".pn.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>13:47 |
| S6  | 1    | "4715998".pn.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>13:47 |
| S7  | 1    | "6256454".pn.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>13:48 |
| S8  | 997  | 128/200.24.cds.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>13:54 |
| S9  | 18   | ((IAN) near2 (MAKINSON)).<br>INV.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>14:08 |
| S10 | 44   | ((MARTIN) near2<br>(KRAMER)).INV.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>14:17 |
| S11 | 8    | ((IAN) near2 (MAKINSON)).<br>INV.  | EPO; JPO;<br>DERWENT                | OR | ON | 2009/02/10<br>14:19 |
| S12 | 25   | ((MARTIN) near2<br>(KRAMER)).INV.  | EPO; JPO;<br>DERWENT                | OR | ON | 2009/02/10<br>14:20 |
| S13 | 86   | S8 and humidif\$   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>14:21 |
| S14 | 221  | 128/203.16.ccls.   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>14:41 |
| S15 | 332  | 128/202.27.ccls.   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>14:53 |
| S16 | 174  | 128/203.17.ccls.   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>15:00 |
| S17 | 317  | 128/203.26.ccls.   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>15:09 |
| S18 | 333  | 128/204.17.ccls.   | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>15:19 |
| S19 | 1518 | 128/204.18.cds.  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>16:16 |
| S20 | 353  | S19 and humid\$  | US-PGPUB;<br>USPAT                  | OR | ON | 2009/02/10<br>16:37 |
| S21 | 77   | (US 20060272639 \$ or US 20080190427 \$ or US 20070079982 \$ or US 20070079982 \$ or US 20060237014 \$ or US 2006023104 \$ or US 20060130836 \$ or US 20060130836 \$ or US 2008011994 \$ or US 2008011994 \$ or US 20080199722 \$ or US 20070215147 \$ or US 20070215174 \$ or US 20080190426 \$ or US 20080190426 \$ or US 20080190426 \$ or US 200800190426 \$ or US 200800190426 \$ or US 200800190451 \$ or US 20080069751 \$ or US 20 | US-PCPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON | 2009/02/10<br>16:45 |

| S22 | 6 | \$21 and (filter and housing<br>and ((gas or air) near5<br>supply))   | US-PGPUB;<br>USPAT | OH  | ON | 2009/02/10<br>16:46 |
|-----|---|---|--------------------|-----|----|---------------------|
| 202 | 6 | 20070051368.\$ or US- 20060118111.\$ or US- 20050247314.\$ or US- 20050247314.\$ or US- 20050247314.\$ or US- 20050247314.\$ or US- 20040123366.\$ or US- 20040123366.\$ or US- 20030111077.\$ or US- 20030111077.\$ or US- 2003011077.\$ or US- 20040221844.\$ or US- 2003006256.\$ or US- 2003006625.\$ or US- 20030060201.\$ or US- 20030060201.\$ or US- 20030037.\$ or US- 2003037.\$ or US- 2003037.\$ or US- 2003037.\$ or US- 2003038.\$ or US- 20030398.\$ or US- 200303399.\$ or US- 20030399.\$ or US- 2003030399.\$ or US- 2003030399.\$ or US- 20030399.\$ or US- 200303030303.\$ or US- 20030303030303.\$ or US- | IIS-DODI IR-       | OR. | ON | 2009/09/10          |

| S23 | 17  | ("3690317"   "4051205"   "4237080"   "4336738"   "4621632"   "4838258"   "4941469"   "5097424"   "5329939"   "5443061"   "5557496"   "5548592"   "6332462"   "6397841"   "6435180").PN. OR | US-PCPUB;<br>USPAT; USOCR | OR | ON | 2009/02/10<br>16:50 |
|-----|-----|--|---------------------------|----|----|---------------------|
| S24 | 16  | S21 and filter   | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/10<br>17:37 |
| S25 | 7   | S21 and (filter with humid\$)  | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/10<br>17:39 |
| S26 | 8   | ("5062145"   "5367604"  <br>"5598502"   "5673687"  <br>"6115539"   "6321570"  <br>"6349722"   "6503584").PN.<br>OR ("7413173").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/02/10<br>18:01 |
| S27 | 33  | (humid\$ and CPAP).ti,ab.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/02/10<br>18:03 |
| S28 | 1   | "6772999".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/02/10<br>18:04 |
| S29 | 127 | humidifier adj chamber   | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/11<br>09:36 |
| S30 | 150 | humidif\$ and (base same open with bottom)   | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/11<br>16:11 |
| S31 | 132 | tube same extend same<br>humidifier  | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/12<br>08:42 |
| S32 | 0   | WO-2002/066106-\$.did  | EPO; JPO;<br>DERWENT      | OR | ON | 2009/02/12<br>09:30 |
| S33 | 0   | WO-2002066106-\$.did.  | EPO; JPO;<br>DERWENT      | OR | ON | 2009/02/12<br>09:31 |
| S34 | 4   | "2002066106"   | EPO; JPO;<br>DERWENT      | OR | ON | 2009/02/12<br>09:31 |
| S35 | 4   | "10226160"   | EPO; JPO;<br>DERWENT      | OR | ON | 2009/02/12<br>09:41 |
| S36 | 1   | 2004-084051.NRAN.  | DERWENT                   | OR | ON | 2009/02/12<br>09:42 |
| S37 | 1   | "4152379".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/12<br>09:43 |
| S38 | 1   | "4588425".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/02/12<br>09:43 |
| S39 | 1   | 2004-084051.NRAN.  | DERWENT                   | OR | ON | 2009/02/12<br>09:57 |

| S40 | 43  | US-4060576-\$ DID OR US-4110419-\$ DID OR US-4110419-\$ DID OR US-4112015-\$ DID OR US-4172105-\$ DID OR US-4172105-\$ DID OR US-4172105-\$ DID OR US-4588425-\$ DID OR US-4676237-\$ DID OR US-4676237-\$ DID OR US-4676237-\$ DID OR US-458841489-\$ DID OR US-5062145-\$ DID OR US-5062145-\$ DID OR US-5062145-\$ DID OR US-5589065-\$ DID OR US-5589065-\$ DID OR US-5589065-\$ DID OR US-5589423-\$ DID OR US-5589423-\$ DID OR US-5589423-\$ DID OR US-95894247-\$ DID OR US-9589425-\$ DID OR US-958945-\$ DID OR US-958945-\$ DID OR US-958945-\$ DID OR US-958945-\$ DID OR US-95895-\$ DID OR US-9695-\$ DID OR | (US-PATUB)<br>USPAT;<br>USPAT;<br>USPAT;<br>USPAT;<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIBLE<br>USPATIB | OR | ON | 2009/02/12          |
|-----|-----|---|---|----|----|---------------------|
| S41 | 30  | US 5640951-\$, DID. OR US 5673687-\$, DID. OR US 5673687-\$, DID. OR US 60024694-\$, DID. OR US 6095505-\$, DID. OR US 6095505-\$, DID. OR US 6394084-\$, DID. OR US 6397841-\$, DID. OR US 6474335-\$, DID. OR US 6474335-\$, DID. OR US 4500480-\$, DID. OR US 4921642-\$, DID. OR US 5991507-\$, DID. OR US 5991507-\$, DID. OR US 5991507-\$, DID. OR US 6718974-\$, DID.   | US-PGPUB;<br>USPAT;<br>USCOR; EPO;<br>JPO; DERWENT  | OR | ON | 2009/02/12<br>10:39 |
| S42 | 18  | ("0485127"   "0933301"  <br>"1059622"   "1777510"  <br>"1813959"   "2710178"  <br>"4152379"   "4487746"  <br>"5209225"   "5762663").PN.<br>OR ("6398197").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/02/12<br>10:46 |
| S43 | 157 | humidifier and (U near<br>(shape or bend))  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/02/12<br>12:31 |
| S44 | 88  | humidifier and (heat with conductive with base)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/02/12<br>15:20 |
| S45 | 22  | humidifier and (outlet with extension with tube)  | US-PGPUB;<br>USPAT  | OR | ON | 2009/02/12<br>15:49 |
| S46 | 0   | "9808567"   | US-PGPUB;<br>USPAT  | OR | ON | 2009/02/12<br>15:51 |

| S47 9  | "09808567"   | US-PGPUB;<br>USPAT                      | OR | ON | 2009/02/12<br>15:52 |
|--------|--|---|----|----|---------------------|
| S48 18 | ("0485127"   "0933301"  <br>"1059622"   "1777510"  <br>"1813959"   "2710178"  <br>"4152379"   "4487746"  <br>"5209225"   "5762663").PN.<br>OR ("6398197").URPN.  | US-PGPUB;<br>USPAT; USOCR               | OR | ON | 2009/02/12<br>15:54 |
| S49 88 | (US-20060272639-\$ or US-20080190427-\$ or US-20080190427-\$ or US-20080190427-\$ or US-2006023701-4 or US-2006023701-4 or US-2006023701-4 or US-2006023701-5 or US-20080190722-\$ or US-20080190722-\$ or US-20080190722-\$ or US-20080190726-\$ or US-20080190726-\$ or US-20080190426-\$ or US-200806751-\$ or US-20090118111-\$ or US-20050247314-\$ or US-20050247314-\$ or US-200501873838-\$ or US-2004012487-\$ or US-2004012487-\$ or US-2004022487-\$ or US-20080302361-\$ or US-20040221844-\$ or US-20040221844-\$ or US-20040221844-\$ or US-20040221844-\$ or US-20070133580-\$), did. or (US-2003006526-\$ or US-20040221844-\$ or US-5493475-\$ or US-54840172-\$ or US-5493475-\$ or US-54840172-\$ or US-5493475-\$ or US-558842-\$ or US-7428902-\$ or US-7301342-\$ or US-558745-\$ or US-5589847-\$ or US-55894715-\$ or US-55964715-\$ or US-5596475-\$ or US-55964715-\$ or US-5596475-\$ or US-55964715-\$ or US-5596475-\$ or US-559697-\$ or US-5673887-\$ or US-54913140-\$ or US-5589087-\$ or US-54913140-\$ or US-5589087-\$ or US-4239396-\$ or US-420393-\$ or US-54913140-\$ or US-5589087-\$ or US-4239396-\$ or US-5589087-\$ or US-4239396-\$ or US-5589087-\$ or US-423936-\$ or US-5589087-\$ or US-423936-\$ or US-5589087-\$ or US-423936-\$ or US-5699071-\$ or US-5589087-\$ or US-423936-\$ or US-5589087-\$ or US-423936-\$ or US-5589087-\$ or US-423936-\$ or US-5589087-\$ or US-423936-\$ or US-5589087-\$ or US-4239396-\$ or US-5589087-\$ or US-558908-\$ or US-4239396-\$ or US-5589087-\$ or US-4239396-\$ or US-558908 | US-PAT; EPO;<br>US-PAT; EPO;<br>DEHWENT | OR | ON | 2009/02/12          |

|     |      | US-4714078-\$ or US- 7096864-\$ or US-4906417-\$ or US-7327949-\$ or US- 6988497-\$ or US- 6988497-\$ or US- 5982413-\$ or US- 51952413-\$ or US- 51952413-\$ or US- 5195257-\$ or US-6718974-\$ or US-6772999-\$ or US- 4464316-\$ or US-6718974-\$ or US-6772999-\$ or US- 4464316-\$ or US-6189870-\$ or US-7198255-\$ or US- 4152379-\$ or US-63898197-\$ or US-7146879-\$).did. or (WO-2004026382-\$ or EP- 1369141-\$ or WO-9857691-\$ or WO-2007069922-\$ or WD-2007004998-\$ or WO- 2005018724-\$).did. or (WO- 2004026382-\$ or EP- 1369141-\$ or WO-9110489-\$ or WO-9857691-\$ or WO- 200606106-\$ or WO- 202666106-\$ or WO- 20266106-\$ or WO- 20266108-\$ or WO- 202666108-\$ or WO- 202666108-\$ or WO- 202666108-\$ or WO- 202666108-\$ or JOE- 20266608-\$ or JOE- 2026608-\$ or JOE- 20266608-\$ or JOE- |                    |    |    |                     |
|-----|------|---|--------------------|----|----|---------------------|
| S50 | 1    | S49 and (filter same framework and lock)  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:43 |
| S51 | 24   | humidifier and (filter same framework and lock)   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:43 |
| S52 | 3    | S49 and filter and lock   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:44 |
| S53 | 19   | S49 and filter  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:44 |
| S54 | 457  | air same filter same<br>framework   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:55 |
| S55 | 33   | S54 and humidif\$   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:55 |
| S56 | 94   | (humidifier and filter).ti,ab.  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>16:56 |
| S57 | 2    | (humidification and filter).ti.   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>17:02 |
| S58 | 2404 | (air and filter).ti.  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>17:05 |
| S59 | 203  | S58 and humid\$   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>17:06 |
| S60 | 80   | S58 and framework   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>17:07 |
| S61 | 4635 | medical same air same filter  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12<br>17:10 |
| S62 | 33   | S61 and humidification  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/12          |

| S63 | 36 | ("0639878"   "0855984"  <br>"3002870"   "3815754"  <br>"4036616"   "4063313"  <br>"4090513"   "4128407"  <br>"4327717"   "4516573"  <br>"4786298"   "4798676"  <br>"5035236"   "5320096").PN.<br>OR ("5460172").URPN.  | US-PGPUB;<br>USPAT; USOCR          | OR  | ON | 2009/02/12<br>17:11 |
|-----|----|--|------------------------------------|-----|----|---------------------|
| S64 | 2  | S63 and frame  | US-PGPUB;<br>USPAT                 | OR  | ON | 2009/02/12<br>17:12 |
| S65 | 7  | (lawnmower and filter).ab.   | US-PGPUB;<br>USPAT                 | OR  | ON | 2009/02/12<br>17:12 |
| S66 | 88 | (US-20060272639-\$ or US- 20080190427-\$ or US- 20080190427-\$ or US- 20080190427-\$ or US- 20080237014-\$ or US- 20080237014-\$ or US- 200802310934-\$ or US- 20080310934-\$ or US- 20080310934-\$ or US- 20080310934-\$ or US- 20070215147-\$ or US- 20070215147-\$ or US- 20070215147-\$ or US- 20080190426-\$ or US- 20080190426-\$ or US- 20080190426-\$ or US- 20080190426-\$ or US- 20070107726-\$ or US- 20070107726-\$ or US- 20070107726-\$ or US- 20070107726-\$ or US- 20070107368-\$ or US- 20050178383-\$ or US- 20040182386-\$ or US- 2007018343-\$ or US- 2007018343-\$ or US- 20080839-\$ or US- 20080839-\$ or US- 2088643-\$ or US- 2088643-\$ or US- 208867-\$ or US- 2088687-\$ or US- | USPGPUB;<br>USPAT; EPO;<br>DEHWENT | AND | ON | 2009/11/03          |

|              |       | 4200093-\$ or US-7364140-\$ or US-5769071-\$ or US-558084-\$ or US-4953546-\$).did. or (US-4910384-\$ or US-4714078-\$ or US-705884-\$ or US-698407-\$ or US-970948-\$ or US-698407-\$ or US-6782946-\$ or US-6584972-\$ or US-5782946-\$ or US-6584972-\$ or US-578274-\$ or US-478293-\$ or US-578274-\$ or US-678295-\$ or US-578275-\$ or US-578255-\$ or US-578275-\$ or US-578255-\$ or US-578275-\$ or US-798255-\$ or US-79857691-\$ or US-79825-\$ or US-79857691-\$ or US-79825-\$ or US-79857691-\$ or US-79825-\$ or US-79857691-\$ or US-7926816-\$ or US-7926816- |                    |     |    |                     |
|--------------|-------|--|--------------------|-----|----|---------------------|
| S67          | 5     | S66 and (remov\$ with filter)  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>17:01 |
| S68          | 16    | humidifier same (removable with filter)  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>17:10 |
| S69          | 15    | S68 and @ad<="20030801"  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>17:24 |
| S70          | 1     | "6953354".pn.  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>18:08 |
| S71          | 11043 | (removable with filter)  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>18:12 |
| S72          | 7507  | S71 and @ad<="20030801"  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>18:12 |
| S73          | 894   | \$72 and (respirat\$ or ventilat \$)   | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>18:12 |
| S74          | 154   | S73 and humid\$  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>18:13 |
| S <b>7</b> 5 | 49    | S73 and (friction with fit)  | US-PGPUB;<br>USPAT | AND | ON | 2009/11/03<br>18:16 |

| S76 | 93 | (US-20060272639-\$ or US-                              | US-PGPUB;   | AND                                     | ON | 2009/11/03                              |
|-----|----|--|-------------|---|----|---|
|     | ļ  | 20080190427-\$ or US-                                  | USPAT; EPO; |   |    | 18:27                                   |
|     |    | 20070079982-\$ or US-                                  | DERWENT     |   |    |   |
|     |    | 20060237014-\$ or US-                                  |             |   |    |   |
|     | ļ  | 20060201506-\$ or US-                                  |             |   |    |   |
|     |    | 20060130836-\$ or US-                                  |             |   |    |   |
|     |    | 20040016430-\$ or US-                                  |             |   |    |   |
|     |    | 20080310994-\$ or US-                                  |             |   |    |   |
|     |    | 20080196722-\$ or US-                                  |             |   |    |   |
|     |    | 20070230927-\$ or US-                                  |             |   |    |   |
|     |    | 20070215147-\$ or US-                                  |             |   |    |   |
|     |    | 20060237005-\$ or US-                                  |             |   |    |   |
|     |    | 20080190426-\$ or US-                                  |             |   |    |   |
| 3   |    | 20080066751-\$ or US-                                  |             |   |    |   |
|     |    | 20070107726-\$ or US-                                  |             |   |    |   |
|     |    | 20070051368-\$ or US-                                  |             |   |    |   |
|     |    | 20060118111-\$ or US-                                  |             |   |    |   |
|     |    | 20050247314-\$ or US-                                  |             |   |    |   |
|     |    | 20050178383-\$ or US-                                  |             | 1                                       |    | ***                                     |
|     |    | 20040182386-\$ or US-                                  |             |   |    |   |
|     |    | 20040020487-\$ or US-                                  |             |   |    |   |
|     |    | 20030111077-\$ or US-                                  |             |   |    |   |
|     |    | 20080302361-\$ or US-                                  |             | *************************************** |    |   |
|     |    | 20040226560-\$ or US-                                  |             | -                                       |    |   |
|     |    | 20040221844-\$ or US-                                  |             | en en                                   |    |   |
|     |    | 20070193580-\$).did. or (US-                           |             | ******                                  |    |   |
| 1   |    | 20030066526-\$ or US-                                  |             | -                                       |    |   |
|     |    | 20020112725-\$ or US-                                  |             | emedia.                                 |    |   |
|     |    | 20070018343-\$ or US-                                  |             | disease.                                |    |   |
|     |    | 20020085839-\$ or US-                                  |             |   |    |   |
|     |    | 20030070544-\$).did. or (US-                           |             | 9                                       |    |   |
|     |    | 5943473-\$ or US-5460172-\$                            |             | Opening.                                |    |   |
| 3   |    | or US-6397841-\$ or US-                                |             | **                                      |    |   |
|     |    | 5588423-\$ or US-4715998-\$                            |             | -                                       |    |   |
| 1   |    | or US-6256454-\$ or US-                                |             | 1                                       |    |   |
| 1   |    | 7428902-\$ or US-7331342-\$                            |             | 1                                       |    |   |
|     |    | or US-5947115-\$ or US-                                |             |   |    |   |
|     |    | 5673687-\$ or US-5564415-\$                            |             | **                                      |    |   |
|     |    | or US-5231979-\$ or US-                                |             | *************************************** |    |   |
|     |    | 6769430-\$ or US-5906201-\$                            |             | esesse.                                 |    | 444                                     |
|     |    | or US-5255674-\$ or US-                                | -           | *******                                 |    | ******                                  |
|     | i  | 5195515-\$ or US-4913140-\$                            |             | *******                                 |    | *****                                   |
|     |    | or US-4674494-\$ or US-                                |             | *************************************** |    |   |
|     |    | D263337-\$ or US-4243396-\$                            |             | -                                       |    |   |
|     |    | or US-4225542-\$ or US-                                | -           | i                                       |    | *************************************** |
|     |    | 4200093-\$ or US-7364140-\$                            |             |   |    |   |
|     |    | or US-5769071-\$ or US-                                |             | i                                       |    |   |
|     |    | 5558084-\$ or US-4953546-                              |             | *                                       |    | 5                                       |
|     |    | \$).did. or (US-4910384-\$ or                          |             |   |    |   |
|     |    | US-4714078-\$ or US-                                   |             | *                                       |    | *************************************** |
|     |    | 7096864-\$ or US-4906417-\$                            |             |   |    | ******                                  |
|     | •  | or US-7327949-\$ or US-                                |             |   |    |   |
|     |    | 6988497-\$ or US-6792946-\$                            |             |   |    |   |
|     |    | or US-6584972-\$ or US-                                |             |   |    |   |
|     | ļ  |  |             |   |    |   |
|     |    | 5992413-\$ or US-5195527-\$<br>or US-4318398-\$ or US- |             | 1                                       |    |   |
|     |    |  |             | **                                      |    | 4                                       |
|     |    | 7413173-\$ or US-6718974-\$                            | 1           |   |    |   |

|     |    | or US-6772999-\$ or US- 4464316-\$ or US-6189870-\$ or US-7198255-\$ or US- 4152379-\$ or US-6398197-\$ or US-7146979-\$ or US-6398197-\$ or US-67146979-\$ or US-6572134-\$ or US-6344065-\$ or US- 4055173-\$).did. or (WO- 2004026382-\$ or EP- 1369141-\$ or WO-9857691-\$ or WO-2007068992-\$ or WO- 2005018724-\$).did. or (WO- 2004026382-\$ or EP- 1369141-\$ or WO-0110489-\$ or WO-9857691-\$ or WO- 200616-\$ or DE- 10226160-\$).did.   |                                      |     |    |                     |
|-----|----|---|--------------------------------------|-----|----|---------------------|
| S77 | 3  | S76 and (bleed with (orifice or valve or port))   | US-PGPUB;<br>USPAT                   | AND | ON | 2009/11/03<br>18:27 |
| S78 | 3  | S76 and (bleed)   | US-PGPUB;<br>USPAT                   | AND | ON | 2009/11/03<br>18:30 |
| S79 | 1  | "6953354".pn.   | US-PGPUB;<br>USPAT                   | AND | ON | 2009/11/05<br>13:02 |
| Seo | 93 | (US-2006072639+\$ or US-20080190427-\$ or US-20080190427-\$ or US-20070799982-\$ or US-20060237014-\$ or US-20060237014-\$ or US-2006021506-\$ or US-2006021506-\$ or US-20080310994-\$ or US-20080310994-\$ or US-20080310994-\$ or US-20070215147-\$ or US-20070215070-\$ or US-20080190426-\$ or US-20080190426-\$ or US-20080190426-\$ or US-20070107726-\$ or US-20070107726-\$ or US-20070107726-\$ or US-20070107726-\$ or US-20070107726-\$ or US-20080182386-\$ or US-20040182386-\$ or US-200402484-\$ or US-2003001655-\$ or US-20030016528-\$ or US-20030016528-\$ or US-20030016528-\$ or US-20030016528-\$ or US-2003001654-\$ or US-2003001754-\$ or US-2003001754- | (US-PGPUB;<br>USPAT; EPO;<br>DEHWENT | AND | ON | 2010/11/01<br>15:40 |

|     |      | 5195515-\$ or US-4913140-\$<br>or US-4674494-\$ or US-<br>D263337-\$ or US-4243396-\$ |   |  |   | *************************************** |
|-----|------|---|---|--|---|---|
|     |      | D263337-\$ or US-4243396-\$ or US-4225542-\$ or US-4200093-\$ or US-7364140-\$        |   |  |   | *************************************** |
|     |      | or US-5769071-\$ or US-<br>5558084-\$ or US-4953546-                                  |   | ***************************************  |   |   |
|     |      | \$).did. or (US-4910384-\$ or US-4714078-\$ or US-7096864-\$ or US-4906417-\$         |   |  |   | ***********                             |
|     |      | or US-7327949-\$ or US-<br>6988497-\$ or US-6792946-\$                                |   |  |   |   |
|     |      | or US-6584972-\$ or US-<br>5992413-\$ or US-5195527-\$<br>or US-4318398-\$ or US-     |   |  | *************************************** |   |
|     |      | 7413173-\$ or US-6718974-\$<br>or US-6772999-\$ or US-                                |   | in extraction of the state of t |   |   |
|     |      | 4464316-\$ or US-6189870-\$ or US-7198255-\$ or US-                                   |   | directive directive di   |   |   |
|     |      | 4152379-\$ or US-6398197-\$ or US-7146979-\$ or US-                                   |   | 4 cinemann en en   |   |   |
|     |      | 6953354-\$ or US-6672134-\$ or US-6344065-\$ or US-                                   |   | and the diseases.  |   |   |
|     |      | 4055173-\$).did. or (WO-<br>2004026382-\$ or EP-                                      |   | ************   |   |   |
|     |      | 1369141-\$ or WO-9857691-<br>\$ or WO-2007069922-\$ or                                | *************************************** | 6<br>6<br>6<br>6<br>6<br>6<br>6<br>7   | ****                                    |   |
|     |      | WO-2007004898-\$ or WO-<br>2005018724-\$).did. or (WO-                                |   | ***  |   | -                                       |
|     |      | 2004026382-\$ or EP-  | ***                                     | **   | *************************************** | -                                       |
|     |      | 1369141-\$ or WO-0110489-<br>\$ or WO-9857691-\$ or WO-                               |   | 6  |   | ***                                     |
|     |      | 02066106-\$ or DE-<br>10226160-\$).did.   | -                                       | ***************************************  | ***                                     |   |
| 381 | 9    | \$80 and (filter with (remov\$ or replac\$ or changable or change or changing))       | US-PGPUB;<br>USPAT                      | AND  | ON                                      | 2010/11/01<br>15:41                     |
| 382 | 1    | WO-03041780-\$.did.   | EPO; JPO;<br>DERWENT                    | OR   | ON                                      | 2010/11/01<br>16:03                     |
| 83  | 1    | 2003-430832.NFAN.   | DERWENT                                 | AND  | ON                                      | 2010/11/01<br>16:03                     |
| 84  | 1137 | 128/200.24.cds.   | US-PGPUB;<br>USPAT                      | AND  | ON                                      | 2010/11/01<br>16:52                     |
|     | 247  | 128/203.16.ccls.  | US-PGPUB:                               | AND  | ON                                      | 2010/11/01                              |

| S86 | 367  | 128/202.27.cds.   | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>16:58 |
|-----|------|---|--------------------|-----|----|---------------------|
| S87 | 186  | 128/203.17.cds.   | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>16:58 |
| S88 | 372  | 128/203.26.cds.   | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>16:59 |
| S89 | 378  | 128/204.17.cds.   | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>17:01 |
| S90 | 1738 | 128/204.18.cds.   | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>17:03 |
| S91 | 350  | (ventilat\$ or respirat\$ or<br>CPAP or PAP) same<br>(humidifier) same (filter) | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>17:13 |
| S92 | 134  | \$91 and @ad<="20030801"  | US-PGPUB;<br>USPAT | AND | ON | 2010/11/01<br>17:13 |

## EAST Search History (Interference)

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## 11/2/2010 12:51:47 PM

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